

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/001545

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/18 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/61928 A (RELIABLE NETWORK SOLUTIONS) 23 August 2001 (2001-08-23) page 4, line 28 - page 6, line 16	1,3-5, 11-20, 22,24,25
Y		2,6,21, 23
X	EP 1 365 538 A (MARCHAND BENOIT) 26 November 2003 (2003-11-26) paragraph [0022] - paragraph [0023]	1,3-5, 11,14-20
Y	US 6 526 022 B1 (CHIU DAH MING ET AL) 25 February 2003 (2003-02-25) column 17, line 1 - line 7	2,21,23
Y	WO 02/23904 A (CERTIA INC) 21 March 2002 (2002-03-21) page 7, line 14 - line 23	6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

19 May 2004

Date of mailing of the international search report

20. 08. 2004

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-6, 11-25

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6, 11-25

Method and device for a scalable multicast system.

2. claims: 7-10

Method for providing from the server to the client an access to supplementary services related to the broadcast content.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/001545

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0161928	A	23-08-2001	US 6724770 B1	20-04-2004
			AU 3692301 A	27-08-2001
			WO 0161928 A2	23-08-2001

EP 1365538	A	26-11-2003	EP 1365538 A1	26-11-2003
			US 2004034822 A1	19-02-2004

US 6526022	B1	25-02-2003	AU 4722999 A	17-01-2000
			EP 1018248 A1	12-07-2000
			WO 0001123 A1	06-01-2000
			AU 4962099 A	17-01-2000
			EP 1018240 A1	12-07-2000
			WO 0001115 A1	06-01-2000
			US 6505253 B1	07-01-2003
			US 6507562 B1	14-01-2003

WO 0223904	A	21-03-2002	US 2002059144 A1	16-05-2002
			AU 9075101 A	26-03-2002
			WO 0223904 A1	21-03-2002
			AU 4151402 A	18-06-2002
			AU 6104701 A	12-11-2001
			EP 1303803 A2	23-04-2003
			WO 0184271 A2	08-11-2001
			WO 0246861 A2	13-06-2002
			US 2003037261 A1	20-02-2003
